

ABSTRACT OF THE DISCLOSUREMETHOD OF FORMING A CARBON-HETEROATOM BOND

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The present invention relates to a method of creating a carbon-heteroatom bond, and preferably a carbon-nitrogen bond, by reacting a leaving group-bearing unsaturated compound and a nucleophilic compound. In particular, the 10 invention relates to the creation of a carbon-nitrogen bond, using a method involving the arylation of nitrogenous organic derivatives; the inventive method consists in creating a carbon-heteroatom bond by reacting a leaving group-bearing unsaturated compound and a nucleophilic compound introducing a heteroatom which can be substituted for the leaving group, thereby creating a 15 carbon-heteroatom bond, in the presence of a palladium-based catalyst, optionally a ligand. The invention is characterized in that the reaction takes place in the presence of an effective quantity of a metal hydroxide or ammonium hydroxide which is associated with an alcohol-type solvent.